

02/28/02

J1044 U.S. PTO

03-04-02

A

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 31032.P004

First Inventor George Apostol, Jr.

Title On-Chip Inter-Subsystem Communication  
Including Concurrent Data Traffic Routing

Express Mail Label No. EV051102471US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 39]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 12]
5. ☒ Oath or Declaration [Total Pages 4]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
  - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_ / \_\_\_\_\_

Prior application information

Examiner: \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

000025943

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

|         |                           |           |              |          |              |
|---------|---------------------------|-----------|--------------|----------|--------------|
| Name    | COLUMBIA IP LAW GROUP, PC |           |              |          |              |
| Address | 10260 SW Greenburg Road   |           |              |          |              |
|         | Suite 820                 |           |              |          |              |
| City    | Portland                  | State     | Oregon       | Zip Code | 97223        |
| Country | USA                       | Telephone | 503-595-2800 | Fax      | 503-595-2804 |

|                   |   |                                   |            |
|-------------------|---|-----------------------------------|------------|
| Name (Print/Type) | Aloysius T.C. AuYeung                       | Registration No. (Attorney/Agent) | 35,432     |
| Signature         | Jason K. Klindtwerth<br>Reg. No. 47,211 for | Date                              | 02/28/2002 |

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PTO/SB/17 (10-01)

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**FEE TRANSMITTAL  
for FY 2002**

Patent fees are subject to annual revision.

**Complete if Known**

|                      |                     |
|----------------------|---------------------|
| Application Number   | Not Yet Assigned    |
| Filing Date          | February 28, 2002   |
| First Named Inventor | George Apostol, Jr. |
| Examiner Name        | Not Yet Assigned    |
| Group Art Unit       | Not Yet Assigned    |
| Attorney Docket No.  | 31032.P004          |

**TOTAL AMOUNT OF PAYMENT** (\$ 650.00)**METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **501569**  
Deposit Account Name **Columbia IP Law Group, PC**

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- 
- ☒
- Applicant claims small entity status See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:**

☒ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Code               | Fee (\$) | Fee Description | Fee Paid |
|--------------|--------------|----------|----------|------------------------|----------|-----------------|----------|
| 101          | 740          | 201      | 370      | Utility filing fee     |          |                 | 370.00   |
| 106          | 330          | 206      | 165      | Design filing fee      |          |                 |          |
| 107          | 510          | 207      | 255      | Plant filing fee       |          |                 |          |
| 108          | 740          | 208      | 370      | Reissue filing fee     |          |                 |          |
| 114          | 760          | 214      | 80       | Provisional filing fee |          |                 |          |

**SUBTOTAL (1)** (\$ 370.00)**2. EXTRA CLAIM FEES**

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 42                 | -20**= 22    | 9.00           | 198.00   |
| Independent Claims | 4            | -3**= 1        | 42.00    |
| Multiple Dependent |              |                |          |

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Code   | Fee (\$) | Fee Description | Fee Paid |
|--------------|--------------|----------|----------|--|----------|-----------------|----------|
| 103          | 18           | 203      | 9        | Claims in Excess of 20                                     |          |                 |          |
| 102          | 84           | 202      | 42       | Independent claims in excess of 3                          |          |                 |          |
| 104          | 280          | 204      | 140      | Multiple dependent claim, if not paid                      |          |                 |          |
| 109          | 84           | 209      | 42       | ** Reissue independent claims over original patent         |          |                 |          |
| 110          | 18           | 210      | 9        | ** Reissue claims in excess of 20 and over original patent |          |                 |          |

**SUBTOTAL (2)** (\$ 240.00)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Code   | Fee (\$) | Fee Description | Fee Paid |
|--------------|--------------|----------|----------|--|----------|-----------------|----------|
| 105          | 130          | 205      | 65       | Surcharge - late filing fee or oath  |          |                 |          |
| 127          | 50           | 227      | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |                 |          |
| 139          | 130          | 139      | 130      | Non-English specification  |          |                 |          |
| 147          | 2,520        | 147      | 2,520    | For filing a request for ex parte reexamination                            |          |                 |          |
| 112          | 920*         | 112      | 920*     | Requesting publication of SIR prior to Examiner action                     |          |                 |          |
| 113          | 1,840*       | 113      | 1,840*   | Requesting publication of SIR after Examiner action                        |          |                 |          |
| 115          | 110          | 215      | 55       | Extension for reply within first month                                     |          |                 |          |
| 116          | 400          | 216      | 200      | Extension for reply within second month                                    |          |                 |          |
| 117          | 920          | 217      | 460      | Extension for reply within third month                                     |          |                 |          |
| 118          | 1,440        | 218      | 720      | Extension for reply within fourth month                                    |          |                 |          |
| 128          | 1,960        | 228      | 980      | Extension for reply within fifth month                                     |          |                 |          |
| 119          | 320          | 219      | 160      | Notice of Appeal   |          |                 |          |
| 120          | 320          | 220      | 160      | Filing a brief in support of an appeal                                     |          |                 |          |
| 121          | 280          | 221      | 140      | Request for oral hearing   |          |                 |          |
| 138          | 1,510        | 138      | 1,510    | Petition to institute a public use proceeding                              |          |                 |          |
| 140          | 110          | 240      | 55       | Petition to revive - unavoidable   |          |                 |          |
| 141          | 1,280        | 241      | 640      | Petition to revive - unintentional   |          |                 |          |
| 142          | 1,280        | 242      | 640      | Utility issue fee (or reissue)   |          |                 |          |
| 143          | 460          | 243      | 230      | Design issue fee   |          |                 |          |
| 144          | 620          | 244      | 310      | Plant issue fee  |          |                 |          |
| 122          | 130          | 122      | 130      | Petitions to the Commissioner  |          |                 |          |
| 123          | 50           | 123      | 50       | Petitions related to provisional applications                              |          |                 |          |
| 126          | 180          | 126      | 180      | Submission of Information Disclosure Stmt                                  |          |                 |          |
| 581          | 40           | 581      | 40       | Recording each patent assignment per property (times number of properties) |          |                 | 40.00    |
| 146          | 740          | 246      | 370      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |                 |          |
| 149          | 740          | 249      | 370      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |                 |          |
| 179          | 740          | 279      | 370      | Request for Continued Examination (RCE)                                    |          |                 |          |
| 169          | 900          | 169      | 900      | Request for expedited examination of a design application                  |          |                 |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ 40.00)**SUBMITTED BY**

Complete (if applicable)

|                   |   |                                   |        |           |                   |
|-------------------|---|-----------------------------------|--------|-----------|-------------------|
| Name (Print/Type) | Aloysius T.C. AuYeung                   | Registration No. (Attorney/Agent) | 35,432 | Telephone | 503-595-2800      |
| Signature         | Jason K. Lindworth Reg # 47,211 for JCK |                                   |        | Date      | February 28, 2002 |

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